

July through September 1963

Recent IBM Patents

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Educational Device	T. F. Cummings	3,095,654
Specific Heat Measuring Device	C. M. Doolittle	3,095,739
Card Feed Apparatus	R. F. Markley	3,096,087
Method for Developing Latent Field Images with Liquid Inks	R. M. Schaffert	3,096,198
Formation of Semiconductor Bodies	H. S. Ingham, Jr.	3,096,209
Matched Negative Resistance Pair Having Critical Inductance in Series Effecting Slight Instability	M. S. Axelrod and D. E. Rosenheim	3,096,450
Optimizing Automatic Control Servosystem	W. K. Taylor	3,096,471
Input Output Apparatus	H. A. Reitfort	3,096,508
Apparatus for Effecting Concurrent Record, Read and Checking Operations	A. Taras	3,096,511
Vapor Cell Light Modulator	J. W. Horton	3,098,112
Cryogenic Ring Circuit	A. E. Brennemann	3,098,159
Analog Signal Switching Apparatus	F. V. Windes and A. J. Paul	3,098,214
Thin Magnetic Film	L. E. Godycki, R. G. Stevens and I. Tsu	3,098,803
Integrating Pulse Circuit Having Regenerative Feed Back to Effect Pulse Shaping	G. L. Clapper	3,098,939
Magnetic Transducer	J. T. Smith	3,098,998
Voltage Monitor System	G. L. Clapper	3,098,999
Signal Monitor	J. E. Dunning	3,099,000
Method of Electroplating on a Dielectric Base	D. A. Radovsky and B. J. Ronkese	3,099,608
Three Level Logical Circuits	M. S. Schmookler	3,099,753
Control and Gauging System for Milling Machines	M. Morgan	3,099,780
Scan Element for Computer	R. F. Murray	3,099,818
Magnetic Core Device	F. L. Post	3,099,821

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Formation of Semiconductor Devices	J. C. Marinace and R. F. Rutz	3,100,166
Superconductive Gating Devices	J. W. Crowe	3,100,267
Signaling System	R. A. D'Antonio and F. Gerrand	3,100,293
Function Generators	J. Reines	3,100,297
Looping Device	R. N. Sage	3,100,512
Process of Making Multi-Layer Devices	D. S. Weed	3,100,723
Magnetic Data Processing	F. M. Demer and M. J. Kelly	3,100,834
Selecting Adder	O. J. Bedrij	3,100,835
Add One Adder	G. T. Paul and O. J. Bedrij	3,100,836
Fluid Flow Indicating Process	M. J. Vogel	3,100,844
High Speed Multivibrator Having Cross Coupling Circuitry	J. W. Skertritt	3,100,848
Checking System	R. E. Oleksiak	3,100,888
Apparatus for Sensing Variations	M. R. Cannon	3,100,889
Method of Preparing Indium Antimonide Films	B. C. Harrison and E. H. Tompkins	3,101,280
Speech Synthesis System	G. L. Clapper	3,102,165

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Method of Packaging and Interconnecting Circuit Components	F. A. Schultz and N. G. Noell	3,102,328
Pulse Generator with Two Different Alternate Sequences	L. R. Harper	3,102,986
Skew Correction System	E. G. Newman, R. J. Sippel and R. A. Skov	3,103,000
Fluid Immersed Clutch Mechanism Having an Externally Positioned Controlling Electromagnet	L. P. Bernard	3,103,269
High Speed Pneumatic Conveyor	T. H. Cole	3,103,388
Strain Relief Device	G. E. Martin	3,103,399
Selective Data Shift Register	D. F. Foreman	3,103,580
Pulse Generator	N. J. Woodland	3,103,593

Complementary Transistor Bistable Circuit	J. C. Logue	3,103,595
Exclusive OR Circuit	J. W. Skerritt	3,103,596
Paper Tape Movement Detection Device	W. H. Laman and J. B. Norris	3,103,656
Character Generation System	F. C. Chiang	3,103,658
Pneumatically Operated Document Sensing Station	H. A. Khoury and R. K. Wilmer	3,103,850
High Purity Vacuum Systems	D. M. J. Compton and W. E. Baker	3,104,049
Sheet Orienting and Aligning Mechanism	J. C. Rathert and G. D. La Tell	3,104,099
Evaporative Coating Method	E. M. Da Silva	3,104,178
Time Duration Modification of Audio Waveforms	W. K. French and O. W. Johnson, Jr.	3,104,284
Binary Matrix Multiplier Utilizing Coincident Inputs and Sequential Read-Out	H. W. Cochrane	3,104,317
Self-Propagating Core Logic Circuits	A. S. Myers, Jr.	3,104,326
Non-Synchronous Scanning Circuit	H. S. Yourke and S. A. Butler	3,104,332
Memory System	L. H. Haibt	3,104,380
Electrical Connector	R. D. Cargill and A. W. Northrop	3,104,927
Method of Curing Magnetic Tape Binder Comprising Butadiene-Acrylonitrile and Phenolic Resin with Subatomic Radiation	J. P. Tarwater and J. A. Griesemer	3,104,983
Counter Circuits	T. L. Lee, W. L. Stahl and W. R. Vincent	3,105,141
Magnetic Core Adder	L. R. Harper	3,105,144
Magnetic Drum System	W. Y. Elliott, Jr.	3,105,228